## JAP15 Rec'd PCT/PTO 04 AUG 2006

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED CUSTOMER NO. 22,852 OFFICE (DO/EO/US) ATTORNEY'S DOCKET NUMBER **CONCERNING A SUBMISSION UNDER 35 U.S.C. 371** 10084.0017 U.S. APPLICATIO INTERNATIONAL FILING DATE INTERNATIONAL APPLICATION NO. PRIORITY DATE CLAIMED PCT/JP2005/001574 February 3, 2005 February 4, 2004 TITLE OF INVENTION PEPTIDYL ARGININE DEIMINASE TYPE IV INHIBITOR APPLICANT(S) FOR DO/EO/US Mamoru SATO, Toshiyuki SHIMIZU, Hiroshi HASHIMOTO, Michiyuki YAMADA, and Yuji HIDAKA Applicant(s) herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a filing under 35 U.S.C 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371 (c)(2)). is attached hereto (required only if not communicated by the International Bureau). b. has been communicated by the International Bureau. is not required, as the application was filed with the United States Receiving Office (RO/US).  $\boxtimes$ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto.  $\bowtie$ a. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)).  $\boxtimes$ are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). 9. An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT × 10. Article 36 (35 U.S.C. 371 (c)(5)) filed on October 12, 2005 and April 5, 2006. Items 11 to 20 below concern document(s) or information included:  $\boxtimes$ Information Disclosure Statement under 37 CFR 1.97 and 1.98 11. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 12.  $\boxtimes$ 13. A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. A Substitute specification. 15. A power of attorney and/or change of address letter. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825. 17. A second copy of the published International Application under 35 U.S.C. 154 (d)(4). 18. 19. A second copy of the English language translation of the international application 35 U.S.C. 154 (d)(4). 20.  $\boxtimes$ Other items or information:  $\boxtimes$ Copy of cover page of International Publication No. WO 2005/075414 A1  $\boxtimes$ Replacement Sheets under Article 34 filed on October 12, 2005 C. Replacement Sheets under Article 34 filed on April 5, 2006 Sequence listing in written form consisting of 3 pages and Statement under 37 C.F.R. 1.821. ď.  $\boxtimes$ Copy of International Search Report from the European Patent Office e.

The Following fees have been submitted:  21. © BASIC NATIONAL FEE (27 CFR 1.492(a)):  22. © Examination fee (37 CFR 1.492(a)):  23. © Search fee (37 CFR 1.492(a)):  24. © Examination fee (37 CFR 1.492(a)):  25. © Search fee (37 CFR 1.492(a)):  26. © Search fee (37 CFR 1.492(a)):  27. © Search fee (37 CFR 1.492(a)):  28. © Search fee (37 CFR 1.492(a)):  29. © Search fee (37 CFR 1.492(a)):  29. © Search fee (37 CFR 1.492(a)):  20. © Search fee (37 CFR 1.492(a)):  21. © Search fee (37 CFR 1.492(a)):  22. © Search fee (37 CFR 1.492(a)):  23. © Search fee (37 CFR 1.492(a)):  24. Additional fee far expecification and drawings field up page over 100 sheels (excitoring sequence leited in compliance with 57 CFR 1.821(b) of cyto computer program listing in an expecification and drawings field up page over 100 sheels (excitoring sequence leited in compliance with 57 CFR 1.821(b) of cyto computer program listing in an expect of cyto cyto compliance posts of 57 CFR 1.821(b) of cyto computer program listing in an expect of cyto cyto cyto cyto cyto cyto cyto cyto	U.S. APPLICATION NO. (if kinow	Q3 L5 1	INTERNATIONAL APPLICATION NO.			ATTORNEY'S DOCKET		
21. ② BASIG NATIONAL FEE (37 CFR 1,402(a))  22. ② Examination fee (31 CFR 1,402(b))  23. ② Examination fee (31 CFR 1,402(c))  24. ② Examination fee (31 CFR 1,402(c))  25. ② Standard Pt (34 CFR 1,402(c))  26. ② Standard Pt (34 CFR 1,402(c))  27. ② Standard Pt (34 CFR 1,402(c))  28. ② Standard Pt (34 CFR 1,402(c))  29. ② Standard Pt (34 CFR 1,402(c))  20. ② Standard Pt (34 CFR 1,402(c))  20. ② Standard Pt (34 CFR 1,402(c))  20. ② Standard Pt (34 CFR 1,402(c))  21. ② Standard Pt (34 CFR 1,402(c))  22. ② Standard Pt (34 CFR 1,402(c))  23. ② Standard Pt (34 CFR 1,402(c))  24. ② Standard Pt (34 CFR 1,402(c))  25. ② Standard Pt (34 CFR 1,402(c))  26. ③ Standard Pt (34 CFR 1,402(c))  27. ③ Standard Pt (34 CFR 1,402(c))  28. ③ Standard Pt (34 CFR 1,402(c))  29. ⑤ Standard Pt (34 CFR 1,402(c))  29. ⑥ Standard Pt (34 CFR 1,402(c))  20. ⑤ Standard Pt (34 CFR 1,402(c))  20. ⑤ Standard Pt (34 CFR 1,402(c))  20. ⑤ Standard Pt (34 CFR 1,402(c))  20. ⑥ Standard Pt (34 CFR 1,4			PCT/JP2005/001574					
2.	_					CALCULATIONS		
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Author of Statistions   Search Fee   Searc	22. X Examination fee (37C	FR 1.492(c))						
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listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium). 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium). 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium). 37 CFR 1.821(c) or (e) or paper or fraction thereof.  Total Sheets	En a constitue de la constitue					\$900.00		
thereof (round up to a whole number)    Second	listing in compliance electronic medium) (3							
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MULTIPLE DEPENDENT CLAIM(S) (if applicable)  TOTAL OF ABOVE CALCULATIONS = \$900.00  Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.  SUBTOTAL = \$900.00  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest priority date (37 CFR \$ 1.492(i)).  TOTAL NATIONAL FEE = \$900.00  Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.26, 3.31). \$40.00 per property.  TOTAL FEES ENCLOSED = \$900.00  Amount to be refunded:  Charged: \$  a.  A check in the amount of \$ 900.00 to cover the above fees is enclosed.  Please charge my Deposit Account No. in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06.0916. A duplicate copy of this sheet is enclosed.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06.0916. A duplicate copy of this sheet is enclosed.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06.0916. A duplicate copy of this sheet is enclosed.  The Commissioner is the return and authorization on PTO-2038.  NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.  SEND ALL CORRESPONDENCE TO:  Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.  901 New York Avenue, N.W.  Washington, DC 20001-4413								
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901 New York Avenue, N.W. Washington, DC 20001-4413  Ernest F. Chapman Reg. No. 25,961  NAME/REGISTRATION NUMBER					<i>?</i>			
NAME/REGISTRATION NUMBER	901 New York Avenue, N.W.	Sarrett & Dunner, L.L.P.			25.061			
	DATED: August 4, 2006		NAME/RE	GISTRATION NUME	<u>25,961</u> 3ER			

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> PCT/JP2005/001574 Mamoru SATO, et al. Attorney Docket No. 10084.0017

## TRANSLATION OF THE ANNEXES TO THE PRELIMINARY EXAMINATION REPORT FILED ON OCTOBER 12, 2005 (ARTICLE 34 AMENDMENTS)

Commissioner for Patents P.O. Box 1450
Alexandria, VA 22313-1450
Sir:

## **REPLACEMENT SHEETS**

The attached (2) replacement sheets 20 and 23 of the translation of the Article 34 Amendments and (2) replacement sheets 35 and 38 of the claims containing the translation of the Article 34 Amendments are submitted herewith. These sheets are superseded by the Preliminary Amendment filed concurrently herewith. Claims, 1, 3-5, 8, and 10-16 as set forth with Preliminary Amendment are currently pending.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Dated: August 4, 2006

Ernest F. Chapman Reg. No. 25,961

EFC/FPD/rac

PCT/JP2005/001574

Mamoru SATO, et al. Attorney Docket No. 10084.0017

TRANSLATION OF THE ANNEXES TO THE
PRELIMINARY EXAMINATION REPORT
FILED ON APRIL 4, 2006
(ARTICLE 34 AMENDMENTS)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Sir:

## REPLACEMENT SHEETS

The attached (4) replacement sheets 35, 36, 37, and 38 of the claims containing the translation of the Article 34 Amendments are submitted herewith. These sheets are superseded by the Preliminary Amendment filed concurrently herewith. It is respectfully requested that the specification and claims in the Preliminary Amendment be examined during examination of the patent application. Claims 1, 3-5, 8, and 10-16 as set forth in the Preliminary Amendment are currently pending.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Dated: August 4, 2006

Ernest F. Chapman Reg. No. 25,961

EFC/FPD/rac